



The Krytar Model 9000B is a low cost, high performance CW power meter using a diode based power sensor. The power meter can measure power levels from -39 to +20 dBm and cover frequencies from 100 kHz to 40 GHz. With bench and field service applications in mind, the power meter was designed to be completely portable. The power meter can be used for swept measurement.

**The power meter is designed to offer these features:**

- Excellent measurement speed at all power levels
- Auto zero and dB Relative Mode
- Completely portable operating on internal rechargeable batteries that offer greater than 12 hours of operation and includes an internal fast battery charger
- Built in 50 MHz, 0 dBm reference oscillator
- V/dB output port for:
  - A) Swept scalar measurement system
  - B) Auxiliary display and bus readings when used with a DVM



**The 9000B power meter with a 9500A Series power sensor offers the user exceptional measurement speed and accuracy at an affordable price.**

## SPECIFICATIONS

### Model 9000B Power Meter

<b>Frequency range</b>	100 kHz to 40 GHz
<b>Power range (CW power)</b>	-30 to +20 dBm, usable to -39 dBm
<b>Ranging</b>	Auto-ranging, 2 ranges
<b>Linearity</b>	±0.05 dB @ 25° C ±0.1 dB, 10° to 40° C
<b>Accuracy, power reference</b>	50 MHz, 0 dBm ±0.05 @ 25° C (NIST traceable) ±0.1, 10° to 40° C
<b>Sensor zero</b>	Auto zero
<b>Digital 3 3/4 Display</b>	-39.99 to +39.99 dBm (0.01 dB steps) 3 readings/sec.
<b>dB/Volts output port</b>	0.1 Volts/dB, -4.0 to +4.0 V, 0.02 dB steps < 1 ms R/F time > 1 kHz 3 dB BW
<b>Temperature:</b> Operating Storage	+10° to +40° C -20° to +70° C
<b>Power requirement</b>	115 VAC, ±10%, 10 W 230 VAC, ±5% optional +10 to +24 VDC, 500mA
<b>Internal batteries and charger</b>	> 12 hours of operation. Charging time approx. 4.5 hrs.
<b>Dimensions</b>	3 5/8" H x 8 5/16" W x 11 1/2" D
<b>Weight</b>	4.8 lbs.

## OPTIONS

<b>Opt. 002</b>	RS-232 serial port
<b>Opt. 003</b>	IEEE-488 interface bus (not available with RS-232 option)
<b>Opt. 101</b>	Rack mount kit, single instrument
<b>Opt. 102</b>	Rack mount kit, dual instrument

## ACCESSORIES

<b>Opt. 501</b>	Padded carrying case with accessory pouch
<b>Opt. 502</b>	Automobile 12V power adapter with cord